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---28. (New) A method for activating an imidazoline receptor expressed in a cell comprising contacting said cell with an imidazoleacetic acid-ribotide.

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29. (New) A method for activating an imidazoline receptor expressed in a cell comprising contacting said cell with an imidazoleacetic acid-riboside.

~~3~~ ~~1~~ ~~2~~
30. (New) The method of claim 28 or 29 wherein the methylene group is substituted for the oxygen atom that links the 5' carbon to the phosphate atom in the imidazoleacetic acid-ribotide.

~~4~~ ~~1~~ ~~2~~
31. (New) The method of claim 28 or 29 wherein the imidazoleacetic acid-ribotide is a 2' or 3' deoxy-IAA-RP.

~~5~~ ~~1~~ ~~2~~
32. (New) The method of claim 28 or 29 wherein the imidazoleacetic acid-ribotide is a carboxy-methyl or carboxy-ethyl ester of IAA-RP.

~~6~~ ~~1~~ ~~2~~
33. (New) The method of claim 28 or 29 wherein furan is linked to the number 2 carbon atom of the imadazole ring.

~~7~~ ~~1~~ ~~2~~
34. (New) The method of claim 28 or 29 wherein furan is linked to the nitrogen closest to the methylene-carboxy side chain of the imidazole ring.

8/ 35. (New) The method of claim 28 or 29 wherein the imadazole ring is converted to an imadzoline ring.

9/ 36. (New) The method of claim 28 or 29 wherein the activation of the imidazoline receptor results in release of arachidonic acid from said cell.

10/ 37. (New) The method of claim 28 or 29 wherein the acitvation of the imidazoline receptor results in release of insulin from said cell.

11/ 38. (New) The method of claim 28 or 29 wherein the activation of the imidazoline receptor results in release of catecholamines from said cell.---

REMARKS

Claims 1-27 are pending in the application. Claim 6, and claims dependent there upon, are rejected under 35 U.S.C. § 112, second paragraph. In response, Applicants have cancelled claim 6, without prejudice. In addition, claims dependent upon claim 6 have been cancelled and new claims have been inserted to more particularly point out and distinctly claim the invention. No new matter has been added by the addition of new claims.

Entry of the foregoing amendments and remarks into the file of the above-identified application is respectfully requested. Applicants believe that the invention described and defined by the amended claims is patentable over the rejections of the